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NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL  
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced  
NEWS 14 JUL 14 FSTA enhanced with Japanese patents  
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NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
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NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that  
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FILE 'HOME' ENTERED AT 13:25:08 ON 24 JUL 2006

=> file medline, uspatful, wpids, dgene, embase, biosis, biotechds,		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.05	1.05

FILE 'MEDLINE' ENTERED AT 13:28:17 ON 24 JUL 2006

FILE 'USPATFULL' ENTERED AT 13:28:17 ON 24 JUL 2006  
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

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=> s (l-amino acid producing bacteria)

4 FILES SEARCHED...

L1 82 (L-AMINO ACID PRODUCING BACTERIA)

=> s l1 and (methanol utilizing bacteria)

L2 1 L1 AND (METHANOL UTILIZING BACTERIA)

=> d l2 ti abs ibib tot

L2 ANSWER 1 OF 1 USPATFULL on STN

TI Method for producing L-amino acid using methylotroph

AB The present invention describes a method for producing an L-amino acid comprising culturing a microorganism having an ability to produce an L-amino acid in a medium, whereby the L-amino acid accumulates in the medium, and collecting the L-amino acid from the medium, whereby said microorganism comprises a methanol-utilizing bacterium having the Entner-Doudoroff pathway in which 6-phosphogluconate dehydratase activity and/or 2-keto-3-dexoy-6-phosphogluconate aldolase activity is enhanced.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:184552 USPATFULL

TITLE: Method for producing L-amino acid using methylotroph

INVENTOR(S): Gunji, Yoshiya, Kawasaki, JAPAN  
Yasueda, Hisashi, Kawasaki, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004142435	A1	20040722
APPLICATION INFO.:	US 2003-716473	A1	20031120 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2002-336346	20021120
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	AJINOMOTO CORPORATE SERVICES, LLC, INTELLECTUAL PROPERTY DEPARTMENT, 1120 CONNECTICUT AVE., N.W., WASHINGTON, DC, 20036	

NUMBER OF CLAIMS: 6  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Page(s)  
LINE COUNT: 1528

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 13:25:08 ON 24 JUL 2006)

FILE 'MEDLINE, USPATFULL, WPIDS, DGENE, EMBASE, BIOSIS, BIOTECHDS'  
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L1 82 S (L-AMINO ACID PRODUCING BACTERIA)  
L2 1 S L1 AND (METHANOL UTILIZING BACTERIA)

=> s l1 and (Entner-Doudoroff pathway)

L3 1 L1 AND (ENTNER-DOUDOROFF PATHWAY)

=> d l3 ti abs ibib tot

L3 ANSWER 1 OF 1 USPATFULL on STN

TI Method for producing L-amino acid using methylotroph

AB The present invention describes a method for producing an L-amino acid comprising culturing a microorganism having an ability to produce an L-amino acid in a medium, whereby the L-amino acid accumulates in the medium, and collecting the L-amino acid from the medium, whereby said microorganism comprises a methanol-utilizing bacterium having the Entner-Doudoroff pathway in which 6-phosphogluconate dehydratase activity and/or 2-keto-3-dexoy-6-phosphogluconate aldolase activity is enhanced.

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=> s l1 and (2-keto-3-deoxy-6-phosphogluconate aldolase)

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L4 1 L1 AND (2-KETO-3-DEOXY-6-PHOSPHOGLUCONATE ALDOLASE)

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ACCESSION NUMBER: 2004:184552 USPATFULL  
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INVENTOR(S): Gunji, Yoshiya, Kawasaki, JAPAN  
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NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	1528	

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L3 1 S L1 AND (ENTNER-DOUDOROFF PATHWAY)  
L4 1 S L1 AND (2-KETO-3-DEOXY-6-PHOSPHOGLUCONATE ALDOLASE)

=> s l1 and methylophilus

L5 2 L1 AND METHYLOPHILUS

=> d l5 ti abs ibib tot

L5 ANSWER 1 OF 2 USPATFULL on STN

TI L-Amino acid-producing microorganism and method for producing L-amino acid

AB L-amino acids are produced by culturing a microorganism which has an

ability to produce the L-amino acid, but has been modified so that expression of the ybjE gene has been enhanced. The L-amino acid is collected from the culture medium or from the microorganism.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:21522 USPATFULL  
TITLE: L-Amino acid-producing microorganism and method for producing L-amino acid  
INVENTOR(S): Ueda, Takuji, Kawasaki-shi, JAPAN  
Nakai, Yuta, Kawasaki-shi, JAPAN  
Gunji, Yoshiya, Kawasaki-shi, JAPAN  
Takikawa, Rie, Kawasaki-shi, JAPAN  
Joe, Yuji, Kawasaki-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006019355	A1	20060126
APPLICATION INFO.:	US 2005-44347	A1	20050128 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2004-23347	20040130
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CERMAK & KENEALY LLP, ACS LLC, 515 EAST BRADDOCK ROAD, SUITE B, ALEXANDRIA, VA, 22314, US	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	2401	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 2 USPATFULL on STN

TI Method for producing L-amino acid using methylotroph  
AB The present invention describes a method for producing an L-amino acid comprising culturing a microorganism having an ability to produce an L-amino acid in a medium, whereby the L-amino acid accumulates in the medium, and collecting the L-amino acid from the medium, whereby said microorganism comprises a methanol-utilizing bacterium having the Entner-Doudoroff pathway in which 6-phosphogluconate dehydratase activity and/or 2-keto-3-dexoy-6-phosphogluconate aldolase activity is enhanced.

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# Refine Search

## Search Results -

Terms	Documents
L4 and L3	0

Database:

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IBM Technical Disclosure Bulletins

Search:

L7

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## Search History

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### Set Name Query

side by side

DB=USPT; PLUR=YES; OP=OR

L7   L4 and l3

DB=PGPB; PLUR=YES; OP=OR

L6   L5 an dl3

L5   gunji.in.

DB=USPT; PLUR=YES; OP=OR

L4   gunji.in.

L3   L2 and (2-keto-3-deoxy-6-phosphogluconate dehydratase aldolase)

L2   L1 and (L-amino acid production)

L1   methylophilus

### Hit Count Set Name

result set

0   L7

4189   L6

97   L5

238   L4

23   L3

93   L2

93   L1

END OF SEARCH HISTORY

# Refine Search

## Search Results -

Terms	Documents
L8 and L3	1

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L9

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side by side

DB=USPT; PLUR=YES; OP=OR

L9   L8 and l3

L8   7029893.pn.

L7   L4 and l3

DB=PGPB; PLUR=YES; OP=OR

L6   L5 an dl3

L5   gunji.in.

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